FOUNDRY
TRADE JOURNAL

INDEX TO VOLUME 148

January to June, 1980

A

Aerospace Castings, Special Foundry approval for, 576

Airdrie Works Noise Problems relieved by Absorbers, 310

Ajax Magnethermic, Some Recent Vertical Channel Furnace Installations in Iron Foundries by, 366

Alloys, A New Family of Foundry, 114

Alston, Precision Products to boost Employment in, 878

Aluminium Bronze, Training Successes at, 835

Aluminium: Industry, Energy Saving in the 264; Preventing from Sticking to Pressure-diecasting Dies, 11

America, The Foundry Scene, 487

Associations: Bronze and Brass Founders: News, 705; Foundry Equipment Manufacturers 1916–1979, A History of, 46

Auto-Alloys, Limited, Efficiency and Savings experienced by, 127

Award, Foundry combines with University to offer Post-graduate, 207

B

Bahco wins Manitoba Mills Contract, 1123

Bamfords, Limited, Uttoxeter, Modernisation at, 839

Basildon Training Centre under New Management, 735

BCIRA: International Conference, 171; Report, 915, 1087, 1126; News, 774

Birmil Castings, Limited, 5

Blakeborough & Sons. J., Limited, Protecting Induction-furnace Coils at, 873

BNF Metals Technology Centre: Energy Saving in the Aluminium Industry, 264; News, 875

Bolton Institute Presentations, 732

Brafe Engineering: Invests in Advanced Machine-tools, 202; New Machining Facilities at, 34

British: Companies win Contract from China Aerospace Industry, 966; Foundrymen Invited to Portray the Best of, 965; Ironfounders' Association Mission to North America, 483; Invention slashes Foundry Coke Cost, 1157

Bronze, Morris Singer Director Cast in, 164

Bulgaria, Integrated Casting and Forging Plant for, 49

C

CAEF—25 Years, 49

Canadian Statue cast in Britain, 571

Cast-iron Plaques point to Historic Past, 966

Casting: Diving Capsule, presents Problems, 736; North-east Foundry produces Vital, for North Sea Oil Industry, 31

CBI Comments on Current State of Negotiations on Product Liability, 300

Chemists' Conference, Scarborough, at, 132

Citroen, Induction Melting at, 49

Clugston Midlands, Limited commission new Sand Processing-plant, 187

CO_2 Mould Production at St. Pancras Engineering, "Modular" Gassing boosts, 16

CO_2-silicate Process; Advancing with the Times, The, 1057

Cold-cast Bronze, A Verdict on (Comment), 907

Comment: 247, 331, 427, 515, 635, 731, 831, 907, 1007, 1111

Company News, 585

Competitions: FITC National Apprentice Finals, 782; FITC Patternmaking Competition Finalists Selected, 836; IBF Apprentice, 786; Metallurgical Association holds Student Lecture, 336; Moulder/Coremaker Finalists, 81

Conferences: BCIRA: Electric Melting and Holding Furnaces for Ironfoundries, 171, 915; Engineering, Foundry—The Way Ahead, Preview, 641; FESA; The Way Ahead, 353; IBF National Review, 680; Technician Training, 252

Cercast Plant, Deritend installs, 1008

Congress: Israeli International Foundry, 491, 207

Conveyor System for Polish Tractor Foundry, 4

Coremaking Processes, Gas-hardened Moulding and, 1021

Correspondence, 332, 636

Cost-advisory Service for British Iron Founders, 877

Cosworth Racing Engine demands Melt Quality, 370

Cupola: Melting Developments at The Gloucester Foundry, Limited, 545; Reline, Three-day at Hamworthy Engineering, 201

FOUNDRY
TRADE JOURNAL

INDEX TO VOLUME 148

January to June, 1980

A

Aerospace Castings, Special Foundry approval for, 576

Airdrie Works Noise Problems relieved by Absorbers, 310

Ajax Magnethermic, Some Recent Vertical Channel Furnace Installations in Iron Foundries by, 366

Alloys, A New Family of Foundry, 114

Alston, Precision Products to boost Employment in, 878

Aluminium Bronze, Training Successes at, 835

Aluminium: Industry, Energy Saving in the 264; Preventing from Sticking to Pressure-diecasting Dies, 11

America, The Foundry Scene, 487

Associations: Bronze and Brass Founders: News, 705; Foundry Equipment Manufacturers 1916–1979, A History of, 46

Auto-Alloys, Limited, Efficiency and Savings experienced by, 127

Award, Foundry combines with University to offer Post-graduate, 207

B

Bahco wins Manitoba Mills Contract, 1123

Bamfords, Limited, Uttoxeter, Modernisation at, 839

Basildon Training Centre under New Management, 735

BCIRA: International Conference, 171; Report, 915, 1087, 1126; News, 774

Birmil Castings, Limited, 5

Blakeborough & Sons. J., Limited, Protecting Induction-furnace Coils at, 873

BNF Metals Technology Centre: Energy Saving in the Aluminium Industry, 264; News, 875

Bolton Institute Presentations, 732

Brafe Engineering: Invests in Advanced Machine-tools, 202; New Machining Facilities at, 34

British: Companies win Contract from China Aerospace Industry, 966; Foundrymen Invited to Portray the Best of, 965; Ironfounders' Association Mission to North America, 483; Invention slashes Foundry Coke Cost, 1157

Bronze, Morris Singer Director Cast in, 164

Bulgaria, Integrated Casting and Forging Plant for, 49

C

CAEF—25 Years, 49

Canadian Statue cast in Britain, 571

Cast-iron Plaques point to Historic Past, 966

Casting: Diving Capsule, presents Problems, 736; North-east Foundry produces Vital, for North Sea Oil Industry, 31

CBI Comments on Current State of Negotiations on Product Liability, 300

Chemists' Conference, Scarborough, at, 132

Citroen, Induction Melting at, 49

Clugston Midlands, Limited commission new Sand Processing-plant, 187

CO_2 Mould Production at St. Pancras Engineering, "Modular" Gassing boosts, 16

CO_2-silicate Process; Advancing with the Times, The, 1057

Cold-cast Bronze, A Verdict on (Comment), 907

Comment: 247, 331, 427, 515, 635, 731, 831, 907, 1007, 1111

Company News, 585

Competitions: FITC National Apprentice Finals, 782; FITC Patternmaking Competition Finalists Selected, 836; IBF Apprentice, 786; Metallurgical Association holds Student Lecture, 336; Moulder/Coremaker Finalists, 81

Conferences: BCIRA: Electric Melting and Holding Furnaces for Ironfoundries, 171, 915; Engineering, Foundry—The Way Ahead, Preview, 641; FESA; The Way Ahead, 353; IBF National Review, 680; Technician Training, 252

Cercast Plant, Deritend installs, 1008

Congress: Israeli International Foundry, 491, 207

Conveyor System for Polish Tractor Foundry, 4

Coremaking Processes, Gas-hardened Moulding and, 1021

Correspondence, 332, 636

Cost-advisory Service for British Iron Founders, 877

Cosworth Racing Engine demands Melt Quality, 370

Cupola: Melting Developments at The Gloucester Foundry, Limited, 545; Reline, Three-day at Hamworthy Engineering, 201

Council of Ironfoundry Associations, Chairman from Small Foundry Sector, 519
Cronite Group, Limited, Report and Accounts, 385
Czechoslovakia, Fond-Ex Exhibition Preview, 769

D

Deritend installs Cercast Plant, 1008
Deritend Precision Castings, Sand Casting Trebled at, 5
Diagnostic Trolley for Furnace Monitoring, 876
Dies, Preventing Aluminium from Sticking to Pressure-diecasting, 11
Disamatic Foundry, Unique Seashore Site for, 941
Disaster, New Hartley Colliery, 678; Tay Bridge, 282
Draycast Foundries, Limited, Fettling Conditions improved at, 566
Ductile Iron Pipe: Assurance, 774; Self-anchoring Joints for, 42
Dust Collection System, Bahco wins Manitoba Mills Contract for

E

Economic Development Committee, Southern Ironfounders meet the, 637
Electric Induction-furnaces, Collecting Emissions from, 550
Electric Melting and Holding Furnaces for Ironfoundries, BCIRA Conference, 171, 915
Emissions, Collecting from Electric Induction-furnaces, 550
Employment, Engineering Prospects, 81
Energy Saving: In the Aluminium Industry, 264; With Scrap, 49
Engineering, Foundry—The Way Ahead, FESA Conference: 353; Preview, 641
Engineers, Foundry—What is your Status? (comment), 635
Exeleigh Foundry—Expansion of an Ironfoundry, 24
Exhibitions: Fond-Ex '80 International, Preview, 769; Foundry 81 International, 520, 785; Leipzig Spring Fair, Foundry Exhibits at, 853; Thermal Processing, 301

F

Fabricated Engine, This Car is Powered by a (Comment), 831
Factoring, 290
FCMA Dinner, 384
FESA Conference: 353; Preview, 641
Fettling: Conditions improved at Draycast Foundries, Limited, 566; Environment, Acoustic Room improves, 455
Finance for the Foundryman, 290; 1158
Finishing Department, Modernisation for, 41
Finniston Report (comment), 247
Fischer, George, Steel Casting Process at, 564
Fond-Ex '80 International Exhibition Preview, 769
Foundries Economic Development Committee Response, 764
Foundry 81 International, 785
Foundry Bookshelf, 135
Foundry Industry Training Committee: Competition, Finals of National Apprentice, 782; Patternmaking Competition Finalists Selected, 836
Foundry Management Services, 836
Fuel-saving, Massive Burner Installation gives Major, 297

G

Gas Cleaning of Electric Melting Shop at Stelrad Group, Limited, 684
Gas-hardened Moulding and Coremaking Processes, 1021
German Democratic Republic, Leipzig Spring Fair, 853
German, New Factory for Peterlee, 790
Giddings & Lewis-Fraser, Limited Foundry Modernisation, 5
Gloucester Foundry, Limited, Cupola Melting Developments at, 545
Golf Tournament 1980, National Foundry Industry, 165

H

Hamworthy Engineering, Three-day Cupola Reline at, 201
Hartley Colliery Disaster, 678
Health & Safety: Equipment Manufacturers Association, History of the Foundry, 1916–1979; Executive Report on 1978, 4; Foundry ordered to carry out £1 m. Improvement, 736; Industrial Air Pollution Report, 912; Lead-content Casting, Clean Air Helmets minimise Hazards of, 480; Lift Trucks, in Working with, 41; Policies, Effective, reviewed, 912; Quarterly Statistics, 736
Heat Control Aids Roll Production, Improved, 299
High Density Moulds by Jolt and Squeeze, Production of, 739
Hockley Foundry adapts to Silicate-ester Process, 191
Holcroft Castings & Forgings, Electric Furnaces for, 833
Hopkinsons Invests £500,000 in New Machine-tools, 562

I

ICL Cores aid Cronite Investment Casting, 870
Ideal Binder, the, 1111
Image and Status (leader), 3
Induction: Furnace Coils at J. Blakeborough & Sons, Limited, Protecting, 873; Melting at Citroen, 49; Melting Demonstration Unit opened at Morganite, 333
Inductotherm Europe, Limited wins major Contract, 833
Ingots from Wrecked Ship may help to solve Ancient Mystery, 881
Inmold Process Licensees Meeting held in Cleveland, USA, 908
Institute for ArchaeoMetallurgical Studies, 881
Institute of British Foundrymen: Apprentice Competitions, 786; National Conference Preview, 680; News, 45, 83, 167, 248, 335, 432, 568, 786, 832, 909
Investment: Casters, Light Alloy, Maycast Precision Products, Limited, 662; casting, Expenditure in the UK Industry, 472; Castings ICL Cores aid Cronite, 870; Casting, Machines, Jewellery, 457; Prospects, Government Survey Outlines, 164

Ironbridge Gorge Museum opens New Foundry Gallery, 1119
Ironfounders National Association, Cost-advisory Service, 877
Israel, Foundry Industry and Congress, 207, 491

J

Jobs, Scottish Central Region seeks to preserve Foundry, 207
Jolt and Squeeze, Production of High Density Moulds by, 739

L

Leaders, 3, 79, 163
Leipzig Spring Fair, Foundry Exhibits at, 853
Light Metal Founders' Association: Dinner Dance, 572; News, 516
Liquid Nitrogen, Controlling Sand Temperature by use of, 255
Loughborough Metallurgical Engineers' Association, Formation of, 428

M

Machine-tools: makers undaunted by Gloomy Outlook, 40; Brafe Engineering invests in Advanced, 202; Hopkinsons Invests £500,000 in, New, 562
Machining Facilities, New at Brafe Engineering, 34
Magnesium Reaction, Containing the, 774
Market, A New Look for an Old (comment), 515
Materials and Methods Inmold Process Licensees Meeting held in Cleveland, USA, 908
Maycast Precision Products, Limited, Light Alloy Investment Casters with a Growing Market, 662
Medium-frequency Coreless Furnaces, Review of Power Supplies for, 339
Meehanite extends Licensing Arrangements, 332
Melting-plant and Moulding Machines feature in £700,000 Re-equipment Programme, 839
Metallurgical: Association holds Student Lecture Competition, 336; Engineers' Association, Loughborough, Formation of, 428
Micro-electronic Technology, Manpower Implications of, 80
Mogensen Sizers improve output for Sand Plant, 369
Morganite, Induction Melting Demonstration Unit opened at, 333
Herbert Morris, Limited, 4
Morris Singer Director Cast in Bronze, 164
Motivation (leader), 163
Moulder/Coremaker Competition Finalists, 81

N

NEDO Report on Small Craft Foundries, 362
Noise Problem relieved by Absorbers, Airdrie Works, 370
North Sea, Fishing for Anchors, 31
Numerically-controlled Lathe Accuracy, 34

P

Patternmaking Competition Finalists Selected, FITC, 836
People, 140, 251, 381, 489, 579, 793, 911, 1009, 1012
PERA launches Robot Advisory Service, 1008
Peterlee, New German Factory for, 790
Photographs (Comment), 331
Plenty Group Foundry plans Improvements, 80
Polish, Conveyor System for Tractor Foundry, 4
Power Supplies for Medium-frequency Coreless Furnaces, Review of, 339
Product Liability: CBI Comments, 300; Unlimited! (Comment), 427
Production Control System at Stanton and Staveley, 131
Professionals in the Industry (Comment), 427
Progress & Development Reports: Ajax Magnethermic, Some Recent Vertical Channel Furnace Installations in Iron Foundries by, 366; Auto-Alloys, Limited, Efficiency and Savings experienced by, 127; Blakeborough & Sons, J., Limited, Protecting Induction-furnace Coils at, 873; Cupola Reline, Three-day at Hamworthy Engineering, 201; Emissions, Collecting from Electric Induction-furnaces, 550; Fettling Condition improved at Draycast Foundries, Limited, 566; Fettling Environment, Acoustic Room improves, 455; Fuel-saving, Massive Burner Installation gives Major, 297; Gas Cleaning for the Electric Melting Shop of Stelrad Group, Limited, at Hull, 684; Gloucester Foundry, Limited, Cupola Melting Developments at, 545; Hockley Foundry adapts to Silicate-ester Process, 191; Hopkinsons Invests £500,000 in New Machine-tools, 562; ICL Cores aid Cronite Investment Casting, 870; Lead-content Casting, Clean Air Helmets minimise Hazards of, 480; St. Pancras Engineering, "Modular" Gassing boosts CO_2 Mould Production at, 16; Steel Casting Process at George Fischer, Limited, 564; Ultrasonic Detection Speeds up Casting Check, 294

Q

Quality Control in Foundries, Modern Analytical Instrumentation for, 374

R

Reclamation, Sand, may be Coming of Age, 443
Record, Putting it on (Comment), 731
RMI's Furnace Charging, Radio Control improves, 373
Robot Advisory Service, Pera launches, 1008
Robots: Hand Fettled by, 781; Seminar, Industrial, 374
Russell, S., & Sons, Limited, £500,000 Furnace Order, 636

S

St. Pancras Engineering, "Modular" Gassing boosts CO_2 Mould Production at, 16
Sand: Plant, Mogensen Sizers improve output for, 369; Processing-plant, Clugston Midlands, Limited commission new, 187; Reclamation may be Coming of Age, 443; Temperature, Controlling by use of Liquid Nitrogen, 255
Scottish Iron Founder, Revival for Smith and Wellstood, Limited, 525
Scrap: Energy Saving with, 49; What's in a Name? (Comment), 331
Sell, And Now for the Hard (Comment), 731

Seminars: BNF Metals Technology Centre, Energy Saving in the Aluminium Industry, 264; Industrial Robots, 374

Shalco to Market Richards Products in North America, 165

Ship Shops Threatened, Portsmouth, 54

Silicate-ester Process, Hockley Foundry adapts to, 191

Simon-Warman, Limited, Modernisation at, 41

Singapore, Anglo-American Company opens Foundry in, 817

Small Craft Iron Foundries: Decline, Vital Asset in, (Leader), 79; Role of the, 764; Should they be Propped Up?, 362; Way Ahead, The, 87

Smith and Wellstood, Limited—Traditional Market provides Revival for Scottish Iron Founder, 525

Solution Treatment, New Furnace for, 5

Southern Ironfounders meet the Foundries EDC, 637

Stanton and Staveley: Production Control System at, 131; Self-anchoring Joints, 42; Steel Pipe Fittings, 373

Steel: Casting Process at George Fischer, Limited, 564; Castings Research and Trade Association, Hearing Protection Presentation, 519; Foundry, Sheffield, to Close, 501

Stelrad Group, Limited, Gas Cleaning for the Electric Melting Shop at, 684

Suppliers to the Industry: Clugston Midlands, Limited commission new Sand Processing-plant, 187

T

Tay Bridge Disaster, The, 282

Technical Paper Translations, 53

Technician Training Conference, 252

Thermal Processing Exhibition, 301

Thurton Foundries, Limited, Diving Capsule Casting presents Problems, 736

Training: Aluminium Bronze, Successes at, 835; Centre, Basildon, under New Management, 735; Committee hold Technician Conference, 252

U

UK and US Cast Metals Set-up Compared, 40

Ultrasonic Detection Speeds up Casting Check, 294

USA: Cast Metals Federation, 36; Foundry Scene, 487; Inmold Process Licensees Meeting held in Cleveland, 908

V

Vald Birn (UK), Limited, 941

Vertical Channel Furnace Installations in Iron Foundries by Ajax Magnethermic, 366

W

Water Jetting speeds Production of Pipe Fittings, 373

Authors

Barber, M. J., 114

Blackburn, J., 282

Burton, J., 290

Cooper, Brian, 219, 525, 662

Eaton, C., 339

Edgerley, C. J., 339

Emmerson, A. R., 191

Gainsbury, P. E., 457

Golka, H. R., 739

Hennie, Dr. E., 11

Hideki Murakami, 397

Hitchens, Dr. D. M. W. N., 362

Jones, P. E., 114

Koch, J. W. M., 985

Kunio Kuroda, 397

McCallum, R., 472

Milroy, B. N., 36

Morgan, J. H., 443

Naerheim, Dr. Y., 11

Rennie, A. L., 255

Rogers, Dr. J. A., 805

Shingo Nakazaki, 397

Waldron, S. N., 255

Wedderburn, D., 678

Yasuhisa Kaneko, 397

Diecasting

Alumasc plans Major Exhibition Programme, 599

Aluminium: Diecasting incorporated in High-fidelity Loud-speakers, 610; Foundry, Practical Experiences with Non-crucible Melting and Holding Furnaces in an, 981; Squeeze Casting of, 397

Bevan Group buys Diecasting Company, 599

BMW, New Pressure Diecasting installation at, 232

Computer Aided Die Design and Manufacture, 985

Correspondence, 802

Diecasting Society News: 217, 600, 801, 985

Dies—A One-day Diecasting Society Seminar, 219

Exhibitions: Diecasting, International to be held in Basle, 131, 395, 601

Government Aid to the UK Diecasting Industry, 805

Gravity, Pressure or Stamping? at Walker Crosweller, Limited, 229

Grinding Wheels at West Yorkshire, 231

Pressure Diecasting Installation at BMW, New, 232

Progress & Development Reports: Gravity, Pressure or Stamping? at Walker Crosweller, Limited, 229; Zinc Non-sparking Alloy used in Petroleum Industry, 613

Seminars: Diecasting Society, 219; Low-pressure Castings, 232

Squeeze Casting of Aluminium, 397

Walker Crosweller, Limited—Gravity, Pressure or Stamping at, 229

Zinc: Development Association: Technology Transfer Project, 599; Non-sparking Alloy used in Petroleum Industry, 613

FOUNDRY

TRADE JOURNAL

INDEX TO VOLUME 149

July to December 1980

A

ABBF News, 84, 798

Acoustics Firm overcomes Excessive Noise at Factory, 540

Aerospace Castings in High Demand, 599

Affiliation Lecture, Second, IBF West Midlands, 888

AFS Casting Congress and Exposition Report: 11, 83

Aircraft Firm gives Award to Castings Suppliers, 839

Alcan Sheet Limited, 523

Application Studies:
Gardner, L., and Sons Limited, Environmental Improvements at 342; Lion Foundry Limited, New Fettling Installation at, 338; Lister, R. A., and Company Limited's New Foundry, Ladle Handling at, 128-129; Saunders Valve Foundry Division buys First Gutmann Shot Blaster in UK, 341; Scottish Valve Manufacturer chooses Contract-hire Lift-trucks, 128-129; Shell-moulding Installation at Lloyds (Burton) Limited, 128-129; Vibrating Conveyors, Single-mass Forced-frequency, 128-129; Ward, Thos. W., (Railway Engineers) Limited's New Foundry, Mechanical Handling at, 128-129

Auto Alloys Foundry has Money to burn, 300

Automotive Engineering orders Heat-treatment Plant, 525

B

BCIRA: International Conference, 28; News: 198

Beilby Medal and Prize 1981—Recommendations Invited, 304

Bentonite—from Hillside to Foundry, 189

Bewdley Museum, Worcestershire, 676, 800

Binders, Fifteen Years' Experience with Phenolic Resin, 633

Black Clawson International Limited, 625

Borden (UK) Limited Golf Tournament; 7, 76, 592

Boxless-moulding System for Resin-bonded Sands, 541

Boxmag-Rapid Limited, 542

BNF: Metals Technology Centre Open Day, 798; News: 273

Brickhouse Dudley Manufacturing (Risca) Limited, 505

British Ironfounders Association celebrates Golden Jubilee, 646

British Scrap Federation: Stockpiling of Cheap Scrap advised by, 492

Brockhouse Hunt, Training Levy Exemption awarded to, 77

Brotherhood, Peter, Limited: 541; Improved Casting Technique for, 802

Brown, Michael, at Deritend Precision Castings Limited, 672

BSC: Dowlais Works, 629; Hamiltons (Cardiff) Works, 511; Tafarnaubach Works, 625

Butler Foundries opens New Administration Block, 4

Buyers' Guide, Classified: Fettling and Cleaning, 355; Moulding Machines, 871; Sands Refractories and Mould Dressings, 979

C

CAEF Coloquium, 545

Capenhurst, Research and Innovation at, 882

Carbide Formation in Nodular (S.-g.) Iron, Causes and Prevention of, 239

Casting Advance aids Jet Blade Production, 647

Castings Seminar, 152

CFA Director insists Companies must take Risks, 805

Cleaning, Fettling and—a Review of some recent Developments, 307

Coating Technology, Modern Foundry, 958

Comment: 3, 75, 151, 231, 299, 395, 491, 591, 671, 759, 835, 925

CompAir commissions new Rotary Furnaces, 596

Computer Services, John Harper uses Duport's expanded, 896

Conferences: BCIRA International, 28; FESA, 159; FITC Patternmaker Training Conference, 1980, 116; IBF 77th Annual, 526, 611; Robot Exhibition and, 1981, 361

Congress: AFS Casting and Exposition; 11, 83 Israel hosts International Foundry, 941

Continuous-casting Plant boosts Production at Pelgers Limited, 253

Conveying and Mechanical Handling: Applications in the Foundry, 128-129; Supplement, July 17

Core-blowing Duo, One Man and his Dog form Successful, 672

Correspondence, 595, 764

Coventry, FESA Conference, 159

Cupola: Development of a Small Scale, 261; Installation, £750,000 Development at Dean Smith and Grace Limited includes, 269; Melting, Record Ridgway Tools Limited chooses, 720; Melting Supplement, October 23

D

Dean Smith and Grace Limited includes Cupola Installation, £750,000 Development at, 269

Deritend Precision Castings Limited, 672; Installs Vacuum Heat-treatment Plant, 303

DISA (UK) holds Series of Seminars, 780
Ductile-iron Main, Hydro-electric Scheme in Isle of Man uses, 79
Duport's expanded Computer Services, John Harper uses, 896

E

Eastern Europe, Foundry Equipment on Show in, 409
Economy: Can we Afford it? (comment), 835
EEC, Environmental Impact Assessment and the, 493
Electric: Furnaces Seminar organised by Ramsell-NABER Limited, 232; Melting and Holding Furnaces in Ironfoundries, 28; Melting and Holding Installation commissioned at Ransomes Sims & Jefferies Limited, 449; Melting Seminar, A. W. Plume Limited hosts, 801
Energy: Conservation, A Fresh Look at, 718; Saving, in a Non-ferrous Forge, (comment), 591
Engineering, Foundry—The Way Ahead, 159
Environmental: Impact Assessment and the EEC, 493; Improvements at L. Gardner and Sons Limited, 342
Exhibitions: Farnborough reveals Sustained Growth, 599; Fond-ex 80 Report, 409; Foundry '81 International, Encouraging response for (comment), 591; 675, 763, 895, 928; Furnaces '80, 700; Health & Safety at Work, 736; Robot, and Conference, 1981, 361
Export Markets, Strategies for Success in, 793

F

Face to Face with Meehanite, 102
Far Eastern American Folk-art (comment), 491
Farnborough Exhibition reveals Sustained Growth, 599
FESA Conference, 159
Fettling Installation at Lion Foundry Limited, New, 338
Fettling and Cleaning: Classified Buyers' Guide, 355; Review of some Recent Developments, 307; Supplement, 307-359; Suppliers of Equipment, 345
Finance for the Foundryman: Going Public, 538
FITC: Costing Problems analysed at FITC/IPS Conference, 399; Management Training Recommendations, 80; Patternmaker Training Conference, 1980, 116; Technician, helps Small Foundry train, 673; Trainees win Awards, 397; Training Levy Exemption awarded to Brockhouse Hunt, 77
Fond-Ex 80 Exhibition Report, 409
Fordath Limited—60 Years serving the Foundry Industry, 778
Foundries: Economic Development Committee, Future for, 80
Foundry: Bookshelf, 56, 156, 550; '81 International Exhibition, 591, 675, 763, 895, 928; Engineering—The Way Ahead 159; Industry Training Committee Report, 805
Fuel Economy highlighted at Furnace '80, 986
Furnaces: CompAir commissions new Rotary, 596; Ironfoundries, Electric Melting and Holding, in, 28; Refractories and Instrumentation, Birmingham Exhibition embraces, 700, Report, 986

G

Gardner, L., and Sons Limited, Environmental Improvements at, 342
GEC Turbine Generators Limited, Single-mass Forced-frequency Vibrating Conveyors at, 128-129
GKN Contractors ships Foundry to Yugoslavia, 992
Gleneagles' Setting for Business and Social Gatherings, 646
Glynwed Golfers undaunted by Weather, 396
Going Public, 538
Golf: IBF Society's Annual Competition, 891; Tournament—1980, National Foundry Industry: 7, 76, 592
Goricon Metallurgical Services Limited, 507
Gravel Reclamation Plant, 542
Greensand Moulding Machine Technology, Developments in, 843
Grinding Techniques, Metal Removal—a New Alternative to Conventional, 328

H

Hamworthy Engineering Limited, 540
Harper, John, uses Duport's expanded Computer Services, 896
Harwell, Particle Coating Techniques developed at, 265
Health and Safety: Exhibition Preview, 736; Human Exposure to Hand and Arm Vibration, Effects of, 804; Leeds Engineering Company wins Citation, 993; Metrication of Legislation, 454
Heat-treatment Plant: Automative Engineering orders, 525
High-pressure Moulding: Deritend installs, 503; International Harvester replaces Sandslinger with, 869
Hoover Limited, 621
Hopyard Foundries chooses Horizontal Flaskless Moulding System, 865
Hot Brass Stamping, Technica-Guss System provides Billets for, 253
Hydro-electric Scheme in Isle of Man uses Ductile-iron Main, 79
Hydrostatic Transmissions Limited, 540

I

IBF: Annual Conference, hold Successful 77th, 526, 611; Golfing Society's Annual Competition, 891; National Works Visits Days: 505, 621; 836: News: 5, 112, 277, 649, 761, 888; West Midlands—Second Affiliation Lecture, 888
Import/Export Situation, Select Committee considers, 642
International Ceramics provides Preformed Cores for Deritend Precision Castings, 446
International Harvester replaces Sandslinger with High-pressure Moulding, 869
International Meehanite Metal Company Limited The; 102, 121, 152
Investment Casting, The Gilbert Mitchell Memorial Award for, 932
Israel hosts International Foundry Congress, 941
Italian, Northern, Jobbing Foundry installs Automatic Moulding Plant, 870

J

Japanese Executives visit British Foundries, 496
Job Nobody wants, The (comment), 299

L

Ladle Handling at R. A. Lister and Company Limited's New Foundry, 128-129

Laporte Industries Limited, 189

Leeds Engineering Company wins Safety Citation, 993

Lion Foundry Limited, New Fettling Installation at, 338

Lister, R. A., and Company Limited's New Foundry, Ladle Handling at, 128-129; specifies Machines to suit Different Functions, 861

Lloyds (Burton), Limited, Shell-moulding Installation at, 128-129

LMFA News

London Metal Exchange opened by the Lord Mayor, 931

M

Mechanical Handling: Applications in the Foundry, Conveying and, 128-129; Thos. W. Ward (Railway Engineers) Limited's New Foundry, at 128-129

Meehanite, Face to Face with, 102

Melting Equipment a Feature of Furnaces '80, 700

Metal Removal—a New Alternative to Conventional Grinding Techniques, 328

Mid-Gloucestershire Technical College, 516

Midlands Foundry has Money to burn, 300

Mitchell, Gilbert, The Memorial Award for Investment Casting, 932

Moulding Equipment, Scissor Lift incorporated in, 887

Moulding Machine Supplement, 843-881; Buyers' Guide, 871

Moulding Machine Installations and Applications, 861-870; Hopyard Foundries chooses Horizontal Flaskless Moulding System, 865; International Harvester replaces Sandslinger with High-pressure Moulding, 869; Italian, Northern, Jobbing Foundry Installs Automatic Mouding Plant, 870; Lister, R. A., specifies Machines to suit Different Functions, 861

Moulding Machine Technology, Developments in Greensand, 843

Museum seeks Foundry Equipment, 676

N

National: Foundry Industry Golf Tournament—1980: 7, 76, 592; Smokeless Fuels Limited, 52

Neptune Glenfield Limited chooses Contract-hire Lift-trucks, 128-129

Nodular: Iron, or S.-g.—Meehanite Seminar, 152; (S.-g.) Iron, Causes and Prevention of Carbide Formation in, 239

Noise Reduction at RMI Bingley, 266

P

Particle Coating Techniques developed at Harwell, 265

Patternmaker Training Conference, 116; 1980 FITC, 116

Peglers Limited, Continuous-casting Plant boosts Production at, 253

Phenolic Resin Binders, Fifteen Years' Experience with, 633

Plume, A. W., Limited hosts Electric Melting Seminar, 801

Precision Products (Cumberland) Limited, Shaw Process Technology at, 969

Product Liability—Information Exchange, 235

Progress & Development Reports: Acoustics Firm overcomes Excessive Noise at Factory, 540; Automotive Engineering orders Heat-treatment Plant, 525; Boxless-moulding System for Resin-bonded Sands; Dean Smith and Grace Limited includes Cupola Installation, £750,000 Development at, 269; Gravel Reclamation Plant, 542; Harwell, Particle Coating Techniques developed at, 265; International Ceramics provides Preformed Cores for Deritend Precision Castings, 446; Ransomes Sims & Jefferies Limited, Electric Melting and Holding Installation commissioned at, 449; Record Ridgeway Tools Limited chooses Cupola Melting, 720; RMI Bingley, Noise Reduction at, 266; Rowe Castings for British Fighting Vehicles, 542; Scissor Lift Incorporated in Moulding Equipment, 887; Shot Blasting Plants, The Tennant 42EHD Tackles a Tough Job at, 640; Storage and Handling of Castings in Pallet Collars, 540; Swarf Particles, Martindale Helmets protect against, 640

Q

Qualter Hall modernises Foundry, 929

Quotations—Who Pays? (comment), 491

R

Ramsell-NABER, Limited, Electric Furnaces Seminar organised by, 232

Ransomes Sims & Jefferies Limited, Electric Melting and Holding Installation commissioned at, 449

Reclamation, Economical Sand, 767

Record Ridgeway Tools Limited chooses Cupola Melting, 720

Recruitment for Tomorrow's Needs (comment), 231

Research and Development Aid, SCRATA wins Further, 840; Research and Innovation at Capenhurst, 882

Resin-bonded Sands, Boxless-moulding System for, 540

RMI Bingley, Noise Reduction at, 266

Robots: Exhibition and Conference, 1981, 361; Workhandlers to—the new Technological Revolution, 677

Rowe Castings for British Fighting Vehicles, 542

Russell, S., and Sons Limited, 805

S

St. Louis, AFS Casting Congress and Exposition: 11, 83

Sand Reclamation, Economical, 767

Sands Refractories and Mould Dressings Supplement, 941-984

Saunders Valve Foundry Division buys First Gutmann Shot Blaster in UK, 341

Scissor Lift incorporated in Moulding Equipment, 887

Scholarships, Foundry Training Trust to give Overseas Travelling, 300

Scottish Valve Manufacturer chooses Contract-hire Lift-trucks, 128-129

Scrap: Stockpiling of Cheap advised by British Scrap Federation, 492

SCRATA wins Further Research and Development Aid, 840
Select Committee considers Import/Export Situation, 642
Seminars. DISA (UK) holds Series of, 760; Electric Furnaces, organised by Ramsell-NABER Limited, 232; Plume, A. W., Limited hosts Electric Melting, 801; S.-g. or Nodular Iron—Meehanite Seminar, 152
Shaw Process: a Review, 429; Technology at Precision Products (Cumberland) Limited, 969
Shell-moulding Installation at Lloyds (Burton) Limited, 128-129
Shot Blasting Plants, The Tennant 42EHD Tackles a Tough Job at, 640
Silica Sand Processing for the Foundry Industry, Developments in, 966
South Wales. IBF Works Visits held in, 505, 621, 836
Stamp of Approval, New Post-box gets, 301
Sterling Metals Limited wins Award, 839
Storage and Handling of Castings in Pallet Collars, 540
Strategies for Success in Export Markets, 793
Suppliers of Fettling and Cleaning Equipment, 345
Suppliers to the Industry: Fordath Limited—60 years serving the Foundry Industry, 778; Laporte Industries Limited, 189
Swarf Particles, Martindale Helmets protect against, 640
Symposium: Furnaces '80, 718
Synthetic Granite—a New Threat to the Founder? (comment), 3
Supplements:
Conveying and Mechanical Handling, July 17
Cupola Melting, October 23
Fettling and Cleaning, 307-359
Moulding Machines, 843-881
Sands, Refractories and Mould Dressings, 941-984

T

Technica-Guss System provides Billets for Hot Brass Stamping, 253
Trainees, FITC, win Awards, 397
Training: FITC helps Small Foundry Technician, 673; Foundry Trust to give Overseas Travelling Scholarships, 300; Levy Exemption awarded to Brockhouse Hunt, 77; 1980 FITC Patternmaker Conference, 116; Recommendations, Management, 80
Tredomen Engineering Limited, 515
Trophies, Foundry, emerge Unscathed from Crushing Experience, 301

V

Vibration, Effects of Human Exposure to Hand and Arm, 804
Vibration Conveyors, Single-mass Forced-frequency, 128-129

W

Ward, Thos. W., (Railway Engineers) Limited's, New Foundry, Mechanical Handling at, 128-129
Warwill Limited, 512
Webster, John P., outgrows the Arches, 441
Williams, John, Foundries Limited, 508; £3 m. Investment Programme completed, 837
Workhandlers to Robots—the new Technological Revolution, 677
Works Visits Days, IBF National, 505, 621, 836

Authors

Bewick, T., 307
Booth, S. E., 729
Claxton, C., 793
Clegg, A. J., 429
Cooper, Brian: 11, 83
Dawson, J. V., 239
Dent, F. A. J., 958
Ebisawa, M., 563
Eborn, W. B., 538
Edler, L., 633
Elvy, A. J., 843
Fahy, F. W., 261
Leong, K. H., 261
McAllister, P. E., 328
McCombe, C. 677
Morgan, J. H., 328, 767
Nakashima, W., 563
Scott, I. A., 729
Stanford, K. 882
Terron, C., 966
Wise, Zoë P., 441

Diecasting Technology Supplement

Aluminium Casting Review, OEA, 572
Basle, Ninth International Diecasting Exhibition, 371
Conference: UK Diecasting Industry, 903; Pressure-diecasting to be held in Madrid, Tenth International, 561
Cooling Channels in Cracked Dies, Prevention of Leaks from, 729
Design Engineering Show, ZDA/ZADCA; Zinc Diecasting Centre at the, 725
Diecasting Society News: 205; Idra SpA is host to on Italian Visit, 899
Exhibitions: Ninth International Diecasting, Report on the, 371
Fry's Diecastings chooses Aluminium Roof, 206
Honda Motor Company, Diecasting of Major Engine Components at, 563
Idra SpA is host to Diecasting Society on Italian Visit, 899
Industrial Design Assessment—Student Projects, ZDA, 207
Institute of Purchasing and Supply, Diecasting Conference, 903
International Diecasting Exhibition, Report on the Ninth, 371
Leaks from Cooling Channels in Cracked Dies, Prevention of, 729
Madrid, Tenth International Pressure-diecasting Conference to be held in Madrid, 561
Pressure-diecasting Conference to be held in Madrid, Tenth International, 561
Recession, US, ending for Diecasting, 908
RoSPA to hold Diecasting Safety Course, 734; Time for Reality—Conference discusses the UK Diecasting Industry, 903
West Bromwich for Diecasting Courses discussed at, 369; US Recession ending for Diecasting, 908
ZDA: Industrial Design Assessment—Student Projects, 207; ZDA/ZADCA Zinc Diecasting Centre at the Design Engineering Show, 725